



#5

SEQUENCE LISTING

<110> Kinsella, Todd

<120> METHODS AND COMPOSITIONS FOR SCREENING USING DIPHTHERIA  
TOXIN CONSTRUCTS

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<140> US 09/712,821

<141> 2000-11-13

<150> US 60/165,189

<151> 1999-11-12

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<170> PatentIn Ver. 2.1

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<223> Description of Artificial Sequence: synthetic

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<211> 8282

<212> DNA



<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic

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&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: synthetic

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<213> Unknown Organism

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			20						25				30		
Pro	Leu	Ala	Ala	Val	Lys	Ser	Lys	Leu	Ser	Ala	Val	Lys	Ser	Lys	Leu
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<210> 10

<211> 6

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: loop structure  
 of coiled-coil presentation

<400> 10

Gly	Arg	Gly	Asp	Met	Pro
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<210> 11

<211> 69  
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<220>  
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minibody presentation structure

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1 5 10 15  
Tyr Met Glu Trp Val Arg Gly Gly Glu Tyr Ile Ala Ala Ser Arg His  
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Lys His Asn Lys Tyr Thr Thr Glu Tyr Ser Ala Ser Val Lys Gly Arg  
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Lys Lys Gly Pro Pro  
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<400> 12  
Pro Lys Lys Lys Arg Lys Val  
1 5

<210> 13  
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<213> Homo sapiens

<400> 13  
Ala Arg Arg Arg Arg Pro  
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<210> 14  
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<212> PRT



<213> Mus musculus

<400> 14

Glu Glu Val Gln Arg Lys Arg Gln Lys Leu  
1 5 10

<210> 15

<211> 9

<212> PRT

<213> Mus musculus

<400> 15

Glu Glu Lys Arg Lys Arg Thr Tyr Glu  
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<210> 16

<211> 20

<212> PRT

<213> Xenopus laevis

<400> 16

Ala Val Lys Arg Pro Ala Ala Thr Lys Lys Ala Gly Gly Ala Lys Lys  
1 5 10 15

Lys Lys Leu Asp  
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<210> 17

<211> 10

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<213> Unknown Organism

<220>

<223> Description of Unknown Organism: preferred  
stability sequence

<220>

<221> UNSURE

<222> (3)..(6)

<223> "Xaa" at positions 3-6 can be any amino acid.

<400> 17

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<210> 18  
<211> 5  
<212> PRT  
<213> Unknown Organism

<220>  
<223> Description of Unknown Organism: linker consensus  
sequence

<400> 18  
Gly Ser Gly Gly Ser  
1 5

<210> 19  
<211> 4  
<212> PRT  
<213> Unknown Organism

<220>  
<223> Description of Unknown Organism: linker consensus  
sequence

<400> 19  
Gly Gly Gly Ser  
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